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 713 431 4664 P.17
 Enclosure Docket 2004UR007
 Response to Office Action dated 07/10/2007
OCT 19 2007

CONCLUSION

Each of the claims in the application is limited to the applicant's inventive method for constructing a geologic model of a hydrocarbon reservoir by determining how an observed composite body is composed of fundamental bodies. Each of these claims is believed to be patentably distinct from all known prior art, including all art cited by the examiner. Therefore, the applicants request allowance of all pending claims.

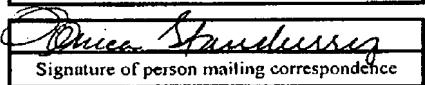
The Commissioner is authorized to charge any additional fees which may be required, to Account No. 05-1328.

Respectfully submitted,

Date: 19 October 2007

J. Paul Plummer
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Certification under 37 CFR §§ 1.8(a) and 1.10	
I hereby certify that, on the date shown below, this application/ correspondence attached hereto is being:	
MAILING	
<input type="checkbox"/> deposited with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231. 37 C.F.R. § 1.8(a)	
<input type="checkbox"/> with sufficient postage as first class mail. 37 C.F.R. § 1.10	
<input type="checkbox"/> as "Express Mail Post Office to Addressee" <div style="border: 1px solid black; padding: 2px; width: 150px; margin-top: 5px;"> Monica Stansberry </div> <div style="border: 1px solid black; padding: 2px; width: 150px; margin-top: 2px;"> Printed name of person mailing correspondence </div> <div style="border: 1px solid black; padding: 2px; width: 150px; margin-top: 2px;">  </div> <div style="border: 1px solid black; padding: 2px; width: 150px; margin-top: 2px;"> Signature of person mailing correspondence </div>	<input type="checkbox"/> Express Mail mailing number <div style="border: 1px solid black; padding: 2px; width: 150px; margin-top: 5px;"> 19 October 2007 </div> <div style="border: 1px solid black; padding: 2px; width: 150px; margin-top: 2px;"> Date of Deposit </div>
TRANSMISSION	
<input checked="" type="checkbox"/> transmitted by facsimile to Examiner Russell L. Guill at the U.S. Patent and Trademark Office to facsimile number: 571-273-8300	